APPENDIX B Decision and Notification Process

The decision and notification process is illustrated in Figs. B-1, B-2, and B-3. The typical timing of pre-flight activities is provided in Fig. B-4. The decision and notification process occurs in four steps:

- 1) A research mission is determined to be probable within 72 h by HRD Field Program Director (Jason Dunion) and HRD Deputy Field Program Director (Jon Zawislak). Consultation with PIs, HRD Director (Frank Marks) and the AOC Project Manager to determine flight platform availability, crew and equipment status, and the type of mission(s) likely to be requested.
- 2) HRD Field Program Director (Jason Dunion) and HRD Deputy Field Program Director (Jon Zawislak), HRD Director (Frank Marks) or their designee, and PIs of relevant experiments meet to discuss possible missions and operational modes. HRD Director (Frank Marks) or their designee provides approval to proceed on the mission objectives and strategy, and deployment logistics (i.e., travel, crewing).
- 3) The PIs, HRD SCIENCE CREW, and other personnel (visitors, APHEX Collaborators) are notified of mission objectives, deployment logistics by Field Program Director (Jason Dunion). HRD Science Crew and other personnel are to inform HRD Administrative Assistant (Jennifer Calderon) of travel plans.
- 4) Secondary personnel (i.e., visitors) are notified by their primary affiliate.

NOTE: Day "-3" requirements are not included below, but could be required for deployments to locations outside of the U.S., at the discretion of [AOC DESIGNEE]

APPENDIX B Decision and Notification Process

**Note: Time of briefings, conference calls, decisions, and deployments are dictated by timing limitations imposed by the AOC crew

Figure B-1. Decision and notification process for Day "-2"

Daily forecast briefing to determine TCs forecast to be in operational areas within 48-72 h [FIELD PROGRAM DIRECTOR, SCIENCE DIRECTOR, HRD DIRECTOR, AOC DESIGNEE]

DAY "-2" ACTIONS

Conference call with HFP-APHEX participants and collaborators to discuss potential targets and science [1300 UTC]

Interagency coordination call (if needed) [1400 UTC]

NOAA/AOML/HRD TC Forecast Discussion [1630 UTC]

Inform decision to AOC [AOC DESIGNEE] (Request Day "-1" Deployment, if necessary) [1700 UTC]

Reset 72-h Alert to AOC issue "48-h" Alert Cancel Alert to AOC

Proceed to Day "-1" Actions

APPENDIX B Decision and Notification Process

**Note: Time of briefings, conference calls, decisions, and deployments are dictated by timing limitations imposed by the AOC crew

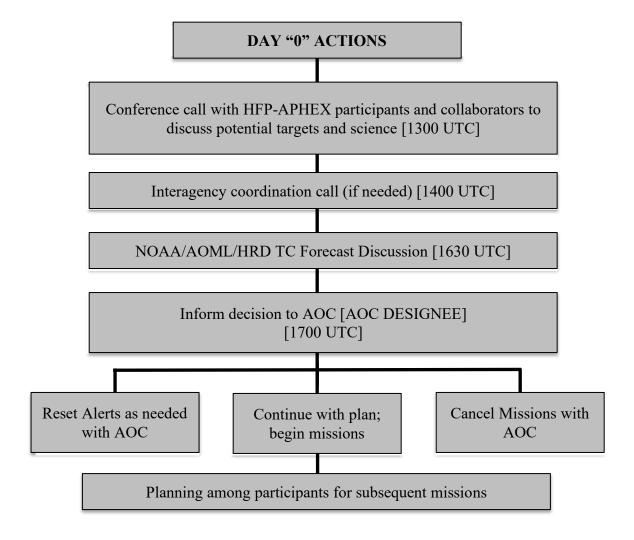
Figure B-2. Decision and notification process for Day "-1"

Daily forecast briefing to determine TCs forecast to be in operational areas within 48-72 h [FIELD PROGRAM DIRECTOR, SCIENCE DIRECTOR, HRD DIRECTOR, AOC DESIGNEE] **DAY "-1" ACTIONS** Conference call with HFP-APHEX participants and collaborators to discuss potential targets and science [1300 UTC] Interagency coordination call (if needed) [1400 UTC] NOAA/AOML/HRD TC Forecast Discussion [1630 UTC] Inform decision to AOC [AOC DESIGNEE] [1700 UTC] Reset 48-h Alert to Continue with plan; Cancel Alert to AOC issue "24-h" Alert AOC Mission planning among participants Deploy to operations site, if needed Proceed to Day "0" Actions

APPENDIX B Decision and Notification Process

**Note: Time of briefings, conference calls, decisions, and deployments are dictated by timing limitations imposed by the AOC crew

Figure B-3. Decision and notification process for Day "0"



APPENDIX B Decision and Notification Process

**Note: Time of briefings are dictated by timing limitations imposed by the AOC crew

Figure B-4. Typical timing of pre-flight activities

